From: Donna O"Brien
To: "Majano, Brij:(BSC)"; Corby, Mary; bmckee@cityofsacramento.org
Cc: emonta@miamidade.gov; rocampo@celsia.com; pkaragianakos@enersource.com; tricia_zacharisen@sjwater.com; mvizcarra@sfwater.org; gary.jensen@gas-south.com; hillary.bargagliotti@oracle.com; john.sims@enstarnaturalgas.com; michelle_asaro@tempe.gov; jsassano@sjindustries.com; ddyson@sjindustries.com; hhallett@sfwater.org; rj@esc-partners.com; epage@torontohydro.com; dfrye@ouc.com; shamilton@nespower.com; Ellison, Peggy; kxre@pge.com; wtichbon@torontohydro.com; teri.sovak@mdu.com; oran.weaver@enstarnaturalgas.com; j2l1@pge.com; deb.braun@mdu.com; clnelson@aglresources.com; bcadis@csu.org; dduhon@lus.org; rfennell@duqlight.com; rrees@miamidade.gov; michael.moss@oracle.com; christina.veltkamp@enstarnaturalgas.com; tammy.byrd@cfunet.net; joyce.miceli@seattle.gov; michelle.gilchrist@powerstream.ca; asrivastav@torontohydro.com; hago@ouc.com; rojace@jea.com; rprasad@sfwater.org; yfigueroa@ci.burbank.ca.us; cjames@gcpud.org; julien.bellorgey@suez-na.com; sallybarakat@hydroottawa.com; ray.anderson@enstarnaturalgas.com; nicholra@guc.com; jchen@torontohydro.com; pankoek@hillsboroughcounty.org; charlene.ussery@longbeach.gov; sami.balestri@denverwater.org; kmfaulkn@gswater.com; littlejc@guc.com; glyon@winnipeg.ca; norma.palomera@longbeach.gov; jennifer.turner@ergon.com.au; hrazzak@torontohydro.com; Roller, Paul J:(BSC); tbetts@tep.com; kurt.rowley@questar.com; basilecd@guc.com; chantalnault@hydroottawa.com; rsdd@pge.com; lchiasson@lus.org; glenn.amy@seattle.gov; flora.chang@ladwp.com; leslie.benfield@peelregion.ca; jsims@city.jackson.ms.us; haroldc@miamidade.gov; ohernandez@burbankca.gov; chris.waite@auroraenergy.com.au; Hagen, Harold E:(BSC); amanda.bayley@blpc.com; ttaylor@lwcky.com; greecl@jea.com; mwegner@mge.com; robin.souder@kcpl.com; dvogel@lwcky.com; randy.vance@kcpl.com; kevin.boutchard@auroraenergy.com.au; pmanali@aglresources.com; Andreasik, John J:(BGE); dailcb@jea.com; rjones@lus.org; Charles Lei; kent.halder@cfunet.net; nikki.evans@raleighnc.gov; randy.miller@gswater.com; william.schmidt@powerstream.ca; tkaczmarek@ci.burbank.ca.us; david_garcia@sjwater.com; lois.stark@kcpl.com; jlynch@duqlight.com; scott.reed@santeecooper.com; susan.twardy@aps.com; Apte, Ajit:(BGE); kevin.champion@raleighnc.gov; mwalker@citywestwater.com.au; mossbarg@irwd.com; hung.nguyen@oracle.com; raminder.singh@peelregion.ca; matt.larson@denverwater.org; vijay.suravarapu@cfunet.net; cathy.wylie@atco.com; jeremy.marquette@longbeach.gov; august.lindner@oracle.com; Ryan Pham; popers@guc.com; aschintz@mnpower.com; wgreess@tep.com; Tauseef Iqbal; maribel.nieves@longbeach.gov; oeverett@lwcky.com; donny.crow@oracle.com; jim.weeg@cfunet.net; billyvon.bautista@gswater.com; jratkinson@allete.com; aaustin@ouc.com; snishi@celsia.com; pandit_manoj@hotmail.com; sue.alcantara@longbeach.gov; jchamberlain@oppd.com; dyeselavage@tep.com; judy.miller@kcpl.com; mortman@allete.com; denise.hutchinson@aps.com; lkappenman@allete.com; stacey.zinyk@atco.com; ess4@pge.com; susan.decker@raleighnc.gov; clayton.mauldin@santeecooper.com; dbatshoun@sfwater.org; kpeterson@allete.com; khawer.rauf@peelregion.ca; Sickler Jr, Richard L:(BGE); dwalz-burkett@abcwua.org; sudumul@aglresources.com; bevan.grice@faypwc.com; tmorin@lus.org; lisa.martinez@longbeach.gov; terry.vicuna@epelectric.com; amarshall@sfwater.org; randy.barbee@faypwc.com; tglaser@duqlight.com; gayle.shimizu@seattle.gov; rajani_kondury@tempe.gov; garcji@jea.com; armando.bolivar@ladwp.com; barbara_oleck@tempe.gov; tkus@enersource.com; melani.chacon@ladwp.com; damien.beresford@oracle.com; gina.calabro@oncor.com; rlbrown@tep.com; blanca.barajas@lvvwd.com; sbo1@pge.com; leslie.miller@lvvwd.com; tina.bekeros@powerstream.ca; O"Connor, Elizabeth J:(BSC); joneal@tep.com; darci.miller@cfunet.net; rkelly@artesianwater.com; Bell-Izzard, Morlon D:(Exelon Utilities); jmoore@ouc.com; jstewa1@gcpud.org; venkata.nimmala@aps.com; Josey-White, Melissa; christine.martinez@denverwater.org; david.wiedmeier@mdu.com; sylvia.welch@smeco.coop; Mason, Paul:(BSC); brenna.martin@powerstream.ca; heather.warren@cfunet.net; lholliday@tep.com; tremt@jea.com; jraycraft@enersource.com; smaganas@citywestwater.com.au; dmanvil@gcpud.org; donald.case@aps.com; molly.cormaney@cfunet.net; gabriela.mendoza@aps.com; lburnett@lwcky.com; jmayne@mnpower.com; stacy.smith@aps.com; steve.rubin@seattle.gov; sskinner-schmudlach@mge.com; Beddows, Linda D:(BSC); mtroia@oppd.com; alovitt@gcpud.org; martha.hobson@seattle.gov; barrjo@miamidade.gov; ryan.darlow@auroraenergy.com.au; tarja_nummela@tempe.gov; angela.hodges@raleighnc.gov; strimj@jea.com; Johnson, Steven M:(BGE)
Subject: RE: [EXTERNAL] Re: Batch Scheduler for CC&B?
Date: Wednesday, May 02, 2018 5:16:54 PM

[External Email - Be careful! DO NOT open attachments or click links from unknown senders or unexpected email.]

The Modesto Irrigation District uses UC4 from Automic as well.

Thank you!

Donna O'Brien
(209) 557-1308
donna.obrien@mid.org

From: Majano, Brij:(BSC) [mailto:brij@constellation.com]
Sent: Wednesday, May 02, 2018 4:07 PM
To: Corby, Mary; bmckee@cityofsacramento.org
Cc: emonta@miamidade.gov; rocampo@celsia.com; pkaragianakos@enersource.com; tricia_zacharisen@sjwater.com; mvizcarra@sfwater.org; gary.jensen@gas-south.com; Donna O'Brien; hillary.bargagliotti@oracle.com; john.sims@enstarnaturalgas.com; michelle_asaro@tempe.gov; jsassano@sjindustries.com; ddyson@sjindustries.com; hhallett@sfwater.org; rj@esc-partners.com; epage@torontohydro.com; dfrye@ouc.com; shamilton@nespower.com; Ellison, Peggy; kxre@pge.com; wtichbon@torontohydro.com; teri.sovak@mdu.com; oran.weaver@enstarnaturalgas.com; j2l1@pge.com; deb.braun@mdu.com; clnelson@aglresources.com; bcadis@csu.org; dduhon@lus.org; rfennell@duqlight.com; rrees@miamidade.gov; michael.moss@oracle.com; christina.veltkamp@enstarnaturalgas.com; tammy.byrd@cfunet.net; joyce.miceli@seattle.gov; michelle.gilchrist@powerstream.ca; asrivastav@torontohydro.com; hago@ouc.com; rojace@jea.com; rprasad@sfwater.org; yfigueroa@ci.burbank.ca.us; cjames@gcpud.org; julien.bellorgey@suez-na.com; sallybarakat@hydroottawa.com; ray.anderson@enstarnaturalgas.com; nicholra@guc.com; jchen@torontohydro.com; pankoek@hillsboroughcounty.org; charlene.ussery@longbeach.gov; sami.balestri@denverwater.org; kmfaulkn@gswater.com; littlejc@guc.com; glyon@winnipeg.ca; norma.palomera@longbeach.gov; jennifer.turner@ergon.com.au; hrazzak@torontohydro.com; Roller, Paul J:(BSC); tbetts@tep.com; kurt.rowley@questar.com; basilecd@guc.com; chantalnault@hydroottawa.com; rsdd@pge.com; lchiasson@lus.org; glenn.amy@seattle.gov; flora.chang@ladwp.com; leslie.benfield@peelregion.ca; jsims@city.jackson.ms.us; haroldc@miamidade.gov; ohernandez@burbankca.gov; chris.waite@auroraenergy.com.au; Hagen, Harold E:(BSC); amanda.bayley@blpc.com; ttaylor@lwcky.com; greecl@jea.com; mwegner@mge.com; robin.souder@kcpl.com; dvogel@lwcky.com; randy.vance@kcpl.com; kevin.boutchard@auroraenergy.com.au; pmanali@aglresources.com; Andreasik, John J:(BGE); dailcb@jea.com; rjones@lus.org; Charles Lei; kent.halder@cfunet.net; nikki.evans@raleighnc.gov; randy.miller@gswater.com; william.schmidt@powerstream.ca; tkaczmarek@ci.burbank.ca.us; david_garcia@sjwater.com; lois.stark@kcpl.com; jlynch@duqlight.com; scott.reed@santeecooper.com; susan.twardy@aps.com; Apte, Ajit:(BGE); kevin.champion@raleighnc.gov; mwalker@citywestwater.com.au; mossbarg@irwd.com; hung.nguyen@oracle.com; raminder.singh@peelregion.ca; matt.larson@denverwater.org; vijay.suravarapu@cfunet.net; cathy.wylie@atco.com; jeremy.marquette@longbeach.gov; august.lindner@oracle.com; Ryan Pham; popers@guc.com; aschintz@mnpower.com; wgreess@tep.com; Tauseef Iqbal; maribel.nieves@longbeach.gov; oeverett@lwcky.com; donny.crow@oracle.com; jim.weeg@cfunet.net; billyvon.bautista@gswater.com; jratkinson@allete.com; aaustin@ouc.com; snishi@celsia.com; pandit_manoj@hotmail.com; sue.alcantara@longbeach.gov; jchamberlain@oppd.com; dyeselavage@tep.com; judy.miller@kcpl.com; mortman@allete.com; denise.hutchinson@aps.com; lkappenman@allete.com; stacey.zinyk@atco.com; ess4@pge.com; susan.decker@raleighnc.gov; clayton.mauldin@santeecooper.com; dbatshoun@sfwater.org; kpeterson@allete.com; khawer.rauf@peelregion.ca; Sickler Jr, Richard L:(BGE); dwalz-burkett@abcwua.org; sudumul@aglresources.com; bevan.grice@faypwc.com; tmorin@lus.org; lisa.martinez@longbeach.gov; terry.vicuna@epelectric.com; amarshall@sfwater.org; randy.barbee@faypwc.com; tglaser@duqlight.com; gayle.shimizu@seattle.gov; rajani_kondury@tempe.gov; garcjj@jea.com; armando.bolivar@ladwp.com; barbara_oleck@tempe.gov; tkus@enersource.com; melani.chacon@ladwp.com; damien.beresford@oracle.com; gina.calabro@oncor.com; rlbrown@tep.com; blanca.barajas@lvvwd.com; sbo1@pge.com; leslie.miller@lvvwd.com; tina.bekeros@powerstream.ca; O'Connor, Elizabeth J:(BSC); joneal@tep.com; darci.miller@cfunet.net; rkelly@artesianwater.com; Bell-Izzard, Morlon D:(Exelon Utilities); jmoore@ouc.com; jstewa1@gcpud.org; venkata.nimmala@aps.com; Josey-White, Melissa; christine.martinez@denverwater.org; david.wiedmeier@mdu.com; sylvia.welch@smeco.coop; Mason, Paul:(BSC); brenna.martin@powerstream.ca; heather.warren@cfunet.net; lholliday@tep.com; tremt@jea.com; jraycraft@enersource.com; smaganas@citywestwater.com.au; dmanvil@gcpud.org; donald.case@aps.com; molly.cormaney@cfunet.net; gabriela.mendoza@aps.com; lburnett@lwcky.com; jmayne@mnpower.com; stacy.smith@aps.com; steve.rubin@seattle.gov; sskinner-

schmudlach@mge.com; Beddows, Linda D:(BSC); mtroia@oppd.com; alovitt@gcpud.org; martha.hobson@seattle.gov; barrjo@miamidade.gov; ryan.darlow@auroraenergy.com.au; tarja_nummela@tempe.gov; angela.hodges@raleighnc.gov; strimj@jea.com; Johnson, Steven M:(BGE)
Subject: Re: [EXTERNAL] Re: Batch Scheduler for CC&B?

BGE uses UC4 from Automic. This will be the technology standard for Exelon Utilities including ComEd, PECO, and PHI.

Brij

From: Corby, Mary <mcorby@hrsd.com>
Sent: Wednesday, May 2, 2018 6:50 PM
Subject: [EXTERNAL] Re: Batch Scheduler for CC&B?
To: <bmckee@cityofsacramento.org>
Cc: <emonta@miamidade.gov>, <rocampo@celsia.com>, <pkaragianakos@enersource.com>, <tricia_zacharisen@sjwater.com>, <mvizcarra@sfwater.org>, <gary.jensen@gas-south.com>, <donna.obrien@mid.org>, <hillary.bargagliotti@oracle.com>, <john.sims@enstarnaturalgas.com>, <michelle_asaro@tempe.gov>, <jsassano@sjindustries.com>, <ddyson@sjindustries.com>, <hhallett@sfwater.org>, <rj@esc-partners.com>, <epage@torontohydro.com>, <dfrye@ouc.com>, <shamilton@nespower.com>, Majano, Brij:(BSC) <brij@constellation.com>, Ellison, Peggy <pellison@hrsd.com>, <kxre@pge.com>, <wtichbon@torontohydro.com>, <teri.sovak@mdu.com>, <oran.weaver@enstarnaturalgas.com>, <j2l1@pge.com>, <deb.braun@mdu.com>, <clnelson@aglresources.com>, <bcadis@csu.org>, <dduhon@lus.org>, <rfennell@duqlight.com>, <rrees@miamidade.gov>, <michael.moss@oracle.com>, <christina.veltkamp@enstarnaturalgas.com>, <tammy.byrd@cfunet.net>, <joyce.miceli@seattle.gov>, <michelle.gilchrist@powerstream.ca>, <asrivastav@torontohydro.com>, <hago@ouc.com>, <rojace@jea.com>, <rprasad@sfwater.org>, <yfigueroa@ci.burbank.ca.us>, <cjames@gcpud.org>, <julien.bellorgey@suez-na.com>, <sallybarakat@hydroottawa.com>, <ray.anderson@enstarnaturalgas.com>, <nicholra@guc.com>, <jchen@torontohydro.com>, <pankoek@hillsboroughcounty.org>, <charlene.ussery@longbeach.gov>, <sami.balestri@denverwater.org>, <kmfaulkn@gswater.com>, <littlejc@guc.com>, <glyon@winnipeg.ca>, <norma.palomera@longbeach.gov>, <jennifer.turner@ergon.com.au>, <hrazzak@torontohydro.com>, Roller, Paul J:(BSC) <paul.roller@bge.com>, <tbetts@tep.com>, <kurt.rowley@questar.com>, <basilecd@guc.com>, <chantalnault@hydroottawa.com>, <rsdd@pge.com>, <lchiasson@lus.org>, <glenn.amy@seattle.gov>, <flora.chang@ladwp.com>, <leslie.benfield@peelregion.ca>, <jsims@city.jackson.ms.us>, <haroldc@miamidade.gov>, <ohernandez@burbankca.gov>, <chris.waite@auroraenergy.com.au>, Hagen, Harold E:(BSC) <harold.e.hagen@bge.com>, <amanda.bayley@blpc.com>, <ttaylor@lwcky.com>, <greecl@jea.com>, <mwegner@mge.com>, <robin.souder@kcpl.com>, <dvogel@lwcky.com>, <randy.vance@kcpl.com>, <kevin.boutchard@auroraenergy.com.au>, <pmanali@aglresources.com>, Andreasik, John J:(BGE) <john.j.andreasik@bge.com>, <dailcb@jea.com>, <rjones@lus.org>, Charles Lei <clei@cityofsacramento.org>, <kent.halder@cfunet.net>, <nikki.evans@raleighnc.gov>, <randy.miller@gswater.com>, <william.schmidt@powerstream.ca>, <tkaczmarek@ci.burbank.ca.us>, <david_garcia@sjwater.com>, <lois.stark@kcpl.com>, <jlynch@duqlight.com>, <scott.reed@santeecooper.com>, <susan.twardy@aps.com>, Apte, Ajit:(BGE) <ajit.apte@bge.com>, <kevin.champion@raleighnc.gov>, <mwalker@citywestwater.com.au>, <mossbarg@irwd.com>, <hung.nguyen@oracle.com>,

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At HRSD we use a product called Skybot. We're very pleased with it.

Mary Corby
Chief of Enterprise Data Services
1434 Air Rail Ave
Virginia Beach VA 23455
mcorby@hrsd.com<mailto:mcorby@hrsd.com>

On May 2, 2018 6:23 PM, Brian McKee <BMcKee@cityofsacramento.org> wrote:
Hello everyone. I’m the IT Manager for the City of Sacramento, working on a CC&B install

for our Department of Utilities. I thought I would reach out to this group and solicit some information concerning what tool you use for scheduling your batch jobs. We knew that CC&B has its own capabilities but they appear limited for our needs. We've been asking vendors to respond to our request for quotes, but the few that have answered have been ridiculously expensive! I was hoping that you could let me know what you use for your batch process scheduling (UC4, OpCon, Tidal, etc.), and if you are happy with the performance. Thanks very much for your cooperation and I look forward to hearing back from you!

Brian McKee
IT Manager, City of Sacramento
916.808.7907

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